In the Claims

Applicant has submitted a new complete claim set showing amended claims with insertions indicated by underlining and deletions indicated by strikeouts and/or double bracketing.

Please cancel claims 1-11 and 14-24 without prejudice or disclaimer.

Please amend pending claims 13 and 26 as noted below.

1.-11.   (Cancelled)

12.   (Original) Method for determining a calibrated value for a yaw angle of a satellite, comprising the steps of:

storing a yaw angle profile over a quiet orbit,

determining a sample yaw angle at a calibration time (t0),

determining a calibrated value by subtracting the sample yaw angle with a yaw angle profile value having a time shift in the yaw angle profile corresponding to the calibration time (t0).

13.   (Currently amended) Method for determining a calibrated value for a yaw angle of a satellite having angle sensors on board, comprising:

storing for each of the angle sensor sensors on board of the satellite a profile over a quiet orbit,

determining a sample value for each of the angle sensors at a calibration time (t0),

determining calibrated values for each of the angle sensor sensors by subtracting the sample values with a an angle sensor profile value having a time shift in the respective angle sensor profile corresponding to the calibration time (t0), and

determining a calibrated value for a yaw angle with calibrated values for each of the angle sensor sensors.

14.-24. (Cancelled)

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25.   (Original) Apparatus for determining a calibrated value for a yaw angle of a satellite, comprising:

      means for storing a yaw angle profile over a quiet orbit,

      means for determining a sample yaw angle at a calibration time (t0),

      means for determining a calibrated value by subtracting the sample yaw angle with a yaw angle profile value having a time shift in the yaw angle profile corresponding to the calibration time (t0).

26.   (Currently amended) Apparatus for determining a calibrated value for a yaw angle of a satellite <u>having angle sensors on board, comprising:</u>

      means for storing for each<u> of the</u> angle <s>sensor</s> <u>sensors</u> on board <s>of</s> the satellite a profile over a quiet orbit,

      means for determining a sample value for each of the angle sensors at a calibration time (t0),

      means for determining calibrated values for each<u> of the</u> angle <s>sensor</s> <u>sensors</u> by subtracting the sample values with <s>a</s> <u>an</u> angle sensor profile value having a time shift in the respective angle sensor profile corresponding to the calibration time (t0), <u>and</u>

      means for determining a calibrated value for a yaw angle with calibrated values for each <u>of the</u> angle <s>sensor</s> <u>sensors</u>.